

**City of Lynchburg  
Office of Procurement  
900 Church Street, PO Box 60  
Lynchburg, VA 24504/24505  
Telephone No: 434-455-3970  
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**ADDENDUM for BID**

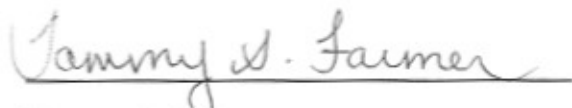
**ABERT WATER FILTRATION PLANT FILTER REHABILITATION**

Date: 02/11/04

From: Tammy S. Farmer

RE: **Addendum #02 – ABERT WATER FILTRATION PLANT FILTER REHABILITATION**

The attached addendum is a result from submitted questions.



Tammy S. Farmer

Buyer

**Please sign and return with the proposal.**

**READ TERMS AND CONDITIONS AND SIGN**

In compliance with the above proposal, and subject to all the conditions hereof, the undersigned offers and agrees to comply with any or all of the terms and conditions contained herein, or as mutually agreed upon by subsequent negotiations. This form shall become part of the final file.

**Company Name:  
Authorized Signature:  
Print Name:**

**Address:  
Title:  
Telephone #:**

**Date:  
  
Fax #:**

Hayes, Seay, Mattern & Mattern, Inc.  
Architects - Engineers - Planners  
1315 Franklin Road, S.W.  
Roanoke, Virginia 24016

PROJECT: Abert Water Filtration Plant  
Filter Rehabilitation

BID DATE: 18 February 2004

ADDENDUM DATE: 11 February 2004

COMMISSION NO. 60308A

## ADDENDUM NO. 2

The following information shall modify the contract documents, and the work shall be accomplished in accordance with such stated modifications. It is suggested that this addendum be stapled to the back of the front cover of the project manual.

### PREVIOUS ADDENDUM

#### Addendum No. 1

- a. Page 2 of 4, Section 02060, a, Page 2060-4, paragraph 3.4 C, (1):
  - (1) In last sentence, change "\$45.00" to read "\$48.00".

### SPECIFICATIONS

#### Section 01000

- a. Page 01000-3, paragraph 1.12, A:
  - (1) Delete the second and third sentences in their entirety.

## Section 09900

- a. Page 09900-2, paragraph 1.4, A
  - (1) Add the following paragraph in order:
    - “3. Steel Structures Painting Council: SSPC-SP3 Surface Preparation Specification No. 3, Power Tool Cleaning.”
- b. Page 09900-6, paragraph 3.2
  - (1) Add subparagraph “Q” to read:
    - “Q. Existing ferrous metal surface to be repainted shall be cleaned by power tools in accordance with SSPC-SP3 prior to receiving the prime coat. All residue shall be removed by dust collector and vacuum collection. Refer to Section 02060 for removal of lead-in paint.”

## Section 11300

- a. Page 11300-8, paragraph 2.6:
  - (1) Delete subparagraph “C” in its entirety and replace with the following:
    - “C. Volume and Pressure: Blower volume and pressure shall meet two operating conditions, 1320 scfm inlet volume at 6 psig discharge pressure and 1584 scfm inlet volume at 5 psig discharge pressure.”
  - (2) Delete subparagraph “F” in its entirety and replace with the following:
    - “F. Belts and Sheaves: Coordinate belts and sheaves with air scour grid system provided. If a Severn Trent Services Air Grid is provided, provide belts and sheaves for 1538 scfm volume. If a Roberts Filter Aries Managed Air System is provided, provide belts and sheaves for 1548 scfm volume.”
- c. Page 11300-9, paragraph 2.7, B:
  - (1) Delete paragraph B in its entirety and replace with the following:

“B. Materials.

1. Severn Trent Services Air Grid shall be a fixed grid system utilizing 304 stainless steel, schedule 40 grid pipe and fittings with threaded connections. Laterals shall be 1-1/4” pipe on 8” approximate centers. Lateral orifices shall be laser-cut 0.25 mm diameter, to preclude clogging by the specified filter media, and shall be on 5” approximate centers.
2. Roberts Filter Aries Managed Air System shall be a removable grid system utilizing 304 stainless steel pipe and snap-coupling fittings. Air supply headers, above the liquid level and on the filter media gravel, shall be Schedule 5 pipe. Drop pipes shall be 3” schedule 40. Laterals off the lower headers shall be 1” diameter, 18-gage pipe on 15” to 18” centers. Each lateral shall have 10” long diffusers set on 6” centers. Diffusers shall have three 5/32” orifices, each with 80-mesh 304 stainless steel screens to preclude clogging by the specified filter media. Air system shall be designed for installation and removal without removing the filter media; all supports and attachments shall be above the filter media.
3. All fasteners shall be 304 stainless steel. Air grid systems shall be supported only from the filter walls; fasteners on the filter bottoms or wash water troughs are not acceptable. Air grid piping shall not be field welded. Piping, fittings and supports shall be installed in accordance with the manufacturer’s written instructions.”

d. Page 11300-9, paragraph 2.7, C:

- (1) Delete paragraph in its entirety and replace with the following:

“C. Severn Trent Services Air Grid System shall operate with 3.0 scfm/sf (1584 scfm) air flow at an air grid system headloss of no more than 1.0 psig. Roberts Filter Aries Managed Air System shall operate with 2.50 scfm/sf (1320 scfm) at an air grid system headloss of no more than 2.5 psig.”

- e. Page 11300-9, paragraph 2.7, D.
  - (1) Delete paragraph in its entirety.
- f. Page 11300-9, paragraph 2.7, E and F:
  - (1) Renumber paragraphs “E” and “F” to read “D” and “E”.
- g. Page 11300-9, paragraph 2.8, A:
  - (1) Add the following paragraph in order:
    - “3 Meurer Research, Inc. (MRI).”
- h. Page 11300-13, paragraph 3.7, D.
  - (1) Delete fourth sentence in its entirety.
  - (2) Delete In the sixth sentence “in the Wheeler bottom.”

#### Section 11500

- a. Page 11500-2, paragraph 1.3, A, 3:
  - (1) Add the following paragraphs in order.
    - “f. ANSI/AWWA C560 (2000) Cast-Iron Slide Gates
    - “g ANSI/AWWA C561 (2004) Fabricated Stainless Steel Side Gate.”
- b. Page 11500-7, paragraph 2.4:
  - (1) Add “AND FLANGE ADAPTERS at the end of the title:
  - (2) Delete subparagraph “A” in its entirety and replace with”
    - “A. Mechanical Seals shall be Link Seal manufactured by Thunderline Corporation.”
  - (3) Add new subparagraph “B” as follows:
    - “B. Flange adapters shall be Series 1000 E-Z Flange Ductile Iron Flange Adapter manufactured by Ebaa Iron Sales, Inc. Flange adapters with plain end pipe may be provided wherever flanged-end spool pieces are indicated.”

- c. Page 11500-11, paragraph 2.8, A:
  - (1) Add the following paragraph in order:
    - “3. Fontaine Series 20.”
- d. Page 115-00-12, paragraph 2.8, H:
  - (1) Revise “C501 to read “C560 or C561.”

#### Section 16950

- a. Page 16950-25, paragraph 2.23, C:
  - (1) In first sentence, change “of eight filters” to read, “filter”.

### DRAWINGS

#### Sheet D14

- a. Mech. New HVAC Plan:
  - (1) At note and leader for existing dehumidifier, after “RC-1500 Dehumidifier”, add “(Serial No. 15075, 440-volt, 3-phase, 39.4-amps)”

#### Sheet P1

- a. Valve and Fitting Schedule:
  - (1) In “Size and Description” box for key “15”, add the following:
    - “Drain valve is Roberts Specialty Angle Drain Valve with Limitorque actuator.

#### Sheet E1

- a. Notes This Sheet:
  - (1) In first sentence of Note 8 after “conduit”, add “and control wiring.”

- (2) Delete second sentence of Note 8 in its entirety and replace with the following:

“Penetrate concrete walkway over north end of filter. Surface mount conduit on north wall of control building. Penetrate suspended ceiling. Run conduit above suspended ceiling to MCC Room. Surface mount conduit on inside, north wall of MCC Room. Penetrate floor and support conduit from pipe gallery floor slab to cable tray.”

b. First Floor Filter Gallery Plan:

- (1) Revise circuit designation at homeruns for air scour vent valve, turbine backwash pump valve and centrifugal backwash pump valve to read, “Blower Control Panel.”

Sheet E2

a. Blower Control Panel:

- (1) In first sentence of Note 2, change “of valve actuators as specified” to read:

“of blowers. Provide power supply to air scour vent valve, turbine backwash pump valve, and centrifugal backwash pump valve. Three valves are sequenced from Blower and Pump Room remote panel.”

b. Exst Motor Control Center Elevation (Back) Table:

- (1) Remove completely the references to “Note 3” adjacent to locations L1, M2, M3 and M4.

Hayes, Seay, Mattern & Mattern, Inc.